

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A computer system comprising:

~~a bus;~~

a processor ~~coupled to said bus;~~

a display device coupled to said processor bus, said display device operable to provide a display comprising content; and

a user interface coupled to said processor bus and operable to change at least a portion of said content on ~~for controlling~~ said display, said user interface comprising a plurality of flexible layers of material fastened to each other along a single edge in a stack, wherein along other edges of said stack said layers are not fastened to each other and wherein said user interface is incorporated as a part of single edge is mounted on and abuts a housing that houses of said computer system ~~along the entirety of said edge;~~

wherein the amount of bending of a flexible layer is measured, wherein said bending causes said display to change ~~in a prescribed manner and wherein said change to said display is according to the measured amount of deflection of said flexible layer.~~

2. (Previously Presented) The computer system of Claim 1 wherein said bending causes separation of at least a portion of a first flexible layer from a second flexible layer.

3. (Original) The computer system of Claim 2 wherein a first conducting pad on a surface of said first flexible layer is in electrical contact with a second conducting pad on a facing surface of said second flexible layer, wherein said

separation of said first and second flexible layers is detected by separation of said first and second conducting pads.

4. (Canceled).

5. (Previously Presented) The computer system of Claim 1 wherein said bending is detected using an instrument selected from the group consisting of: a strain gauge, an optical sensor and an accelerometer.

6. (Previously Presented) The computer system of Claim 1 wherein said change to said display is also according to an order in which said flexible layers are moved.

7. (Canceled).

8. (Previously Presented) The computer system of Claim 1 wherein said change to said display is also according to a rate of movement of said flexible layers.

9-20. (Canceled).

21. (Currently Amended) A portable computer system comprising:
a housing;
~~a bus disposed within said housing;~~
a processor inside said housing coupled to said bus;
a display device coupled to said processor and incorporated in said housing
~~bus~~, said display device operable to provide a display; and

a user interface coupled to said processor bus and operable to change for
~~controlling~~ said display, said user interface comprising a plurality of flexible layers
of material fastened to each other along an edge in a stack, wherein said edge is
mounted on ~~and adjoins~~ said housing without a cable external to said housing along
~~the entirety of said edge;~~

wherein movement of one or more of said flexible layers causes said display
to change ~~in a prescribed manner~~.

22. (Original) The portable computer system of Claim 21 wherein said
movement comprises separation of at least a portion of a first flexible layer from a
second flexible layer.

23. (Original) The portable computer system of Claim 22 wherein a first
conducting pad on a surface of said first flexible layer is in electrical contact with a
second conducting pad on a facing surface of said second flexible layer, wherein said
separation of said first and second flexible layers is detected by separation of said
first and second conducting pads.

24. (Original) The portable computer system of Claim 21 wherein said
movement comprises bending of a flexible layer.

25. (Original) The portable computer system of Claim 24 wherein said
bending is detected using an instrument selected from the group consisting of: a
strain gauge, an optical sensor and an accelerometer.

26. (Original) The portable computer system of Claim 21 wherein said change to said display is according to an order in which said flexible layers are moved.

27. (Original) The portable computer system of Claim 21 wherein said change to said display is according to an amount of deflection of a flexible layer.

28. (Original) The portable computer system of Claim 21 wherein said change to said display is according to a rate of movement of said flexible layers.

29. (New) A computer system comprising:

a processor;

a display device coupled to said processor, said display device operable to provide a display; and

a cursor control element coupled to said processor and operable to change said display, said cursor control element operable to control the coordinates of a cursor displayed on said display device by detecting said cursor control element's motion relative to a surface on which said cursor control element sits, said cursor control element comprising a plurality of flexible layers of material fastened to each other along an edge in a stack, wherein said edge is mounted on a housing of said cursor control element, and wherein movement of one or more of said flexible layers causes said display to change.

30. (New) The computer system of Claim 29 wherein said cursor control element comprises a computer mouse.

31. (New) The computer system of Claim 29 wherein said movement comprises separation of at least a portion of a first flexible layer from a second flexible layer.

32. (New) The computer system of Claim 31 wherein a first conducting pad on a surface of said first flexible layer is in electrical contact with a second conducting pad on a facing surface of said second flexible layer, wherein said separation of said first and second flexible layers is detected by separation of said first and second conducting pads.

33. (New) The computer system of Claim 29 wherein said movement comprises bending of a flexible layer.

34. (New) The computer system of Claim 29 wherein said change to said display is according to an order in which said flexible layers are moved.

35. (New) The computer system of Claim 29 wherein said change to said display is according to an amount of deflection of a flexible layer.

36. (New) The computer system of Claim 29 wherein said change to said display is according to a rate of movement of said flexible layers.